	Application No.	**Applicant(s)**
Notice of Allowability	10/828,941	MARCJAN, CEZARY
	Examiner	**Art Unit**
	MICHAEL Y. WON	2455

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to <u>the amendment filed July 13, 2009 and Interview conducted July 20, 2009</u>.

2. ☒ The allowed claim(s) is/are <u>1-4,10,12,16,18-26,28,32,35 and 36</u>.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☐ All   b) ☐ Some*   c) ☐ None of the:

         1. ☐ Certified copies of the priority documents have been received.

         2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

         3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
      Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)
1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
    Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
    Paper No./Mail Date <u>7/20/09</u> .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Michael Won/
Primary Examiner
July 20, 2009

DETAILED ACTION

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Kristina Kuhnert (Reg. No. 62,665) on July 20, 2009.

3.   The application has been amended as follows:

10. **(Currently Amended)** A system that facilitates file sharing comprising:

a content analysis component that analyzes at least one file for which sharing is

desired, the analysis is based on at least one of a file type, a file content, a file size, or a

file security level, wherein the at least one file is located in one or more virtual share

spaces;

a channel analysis component that assesses at least one of a security level

threshold, a file size threshold, availability or compatibility of a plurality of channels and

determines based upon the channel analysis of the content analysis component the

most appropriate channel to employ to share the at least one file;

a channel controller component that selects at least one communication channel that is determined to be available to transport the at least one file based at least in part upon the channel and analysis and activates the selected channel; ~~and~~

a authentication component that authenticates input to facilitate determining that a user has requisite access rights to gain access to the at least one file in a virtual space at least in part by matching a user-based input to one or more listing comprising users who are pre-approved for access as indicated by at least one of their username, a password, an email address, a network name, or a computer name, wherein the user is removed and no longer granted access when the user no longer needs access or has lost access, wherein the user is removed by dragging or deleting their name from the virtual space;

one or more communication channels comprising a module installed on a sender's communication system and a module installed on a recipient's communication system, the module installed on the sender's communication system divides a large file into two or more smaller chunks, whereby each chunk is sent separately to the receiver and the receiver acknowledges receipt of each chunk before a subsequent chunk is sent; and

the two or more chunks are encrypted in part by the module on the sender's communication system and decrypted in part by the module on the recipient's communication system and the two or more chunks are identified with one or more special keys in a subject line or an email header.

12. **(Currently Amended)** The system of ~~claim 11,~~ claim 10, wherein the authentication component identifies the user by at least one of multiple personas, usernames, nicknames, or aliases.

33. **(Currently Canceled)**.

36. **(Currently Amended)** A system that facilitates sharing content between at least any two computers comprising:

an authentication component that verifies a user's identity based in part on user-based input to determine whether the user has access rights to the content;

an analysis component that identifies and determines whether any communication channels are available to share the content between the at least two computers based at least in part on one or more characteristics of the content;

a content analysis component that analyzes at least one file for which sharing is desired, the analysis is based on at least one of a file type, a file content, a file size, or a file security level resulting in content-related information;

a channel controller component that selects at least one communication channel that is determined to be available to transport the content based at least in part upon analysis of the content and security of the content;

one or more communication channels comprising a module installed on a sender and a recipient's communication system that divides a large file into two or more smaller chunks, whereby each chunk is sent separately to the receiver and the receiver

acknowledges receipt of each chunk before a subsequent chunk is sent, wherein the

two or more chunks are encrypted in part by the module on the sender's communication

system and decrypted in part by module on the recipient's communication system and

the two or more chunks are identified with special keys in subject line or email headers;

and

a virtual share space that stores content to be shared with one or more other

computers, wherein the virtual share space is accessed by at least one of at least one

communication channel or a unique key.

Allowable Subject Matter

4.   Claims 1-4, 10, 12, 16, 18-26, 28, 32, 35, and 36 are allowable over prior art of

record in light of the arguments presented in the Amendment filed July 13, 2009 and the

Examiner's Amendment above.

5.   The following is an examiner's statement of reasons for allowance:

The prior art of record does not disclose, teach, or suggest neither singly nor in

combination the claimed limitation of "one or more communication channels comprising

a module installed on a sender's communication system and a module installed on a

recipient's communication system, the module installed on the sender's communication

system divides a large file into two or more smaller chunks, whereby each chunk is sent

separately to the receiver and the receiver acknowledges receipt of each chunk before

a subsequent chunk is sent; and the two or more chunks are encrypted in part by the

module on the sender's communication system and decrypted in part by the module on

the recipient's communication system and the two or more chunks are identified with

one or more special keys in a subject line or an email header" as recited in independent

claim 1 and similarly recited in independent claims 10, 24, and 36.

6.   Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

7.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Michael Y. Won whose telephone number is 571-272-

3993. The examiner can normally be reached on M-Th: 7AM-5PM.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael Won/

Primary Examiner

AU 2455

July 20, 2009